

INTERNATIONAL SEARCH REPORT

International Application No

PCT/FR 03/00921

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 E01D19/14

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 E01D E04C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category * | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|
| X | FR 2 340 484 A (BUREAU BBR LTD) 2 September 1977 (1977-09-02) the whole document | 1,17 |
| A | FR 2 592 666 A (SOGELERG) 10 July 1987 (1987-07-10) the whole document | 1,17 |
| A | WO 00 75453 A (STUBLER JEROME ; FREYSSINET INTERNAT STUP (FR); FUZIER JEAN PHILIPPE () 14 December 2000 (2000-12-14) cited in the application the whole document | 1,17 |

☐ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

* Special categories of cited documents :

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- "&" document member of the same patent family

Date of the actual completion of the international search

28 November 2003

Date of mailing of the international search report

04/12/2003

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Dijkstra, G

INTERNATIONAL SEARCH REPORT

International Application No

PCT/FR 03/00921

| Patent document cited in search report | | Publication date | Patent family member(s) | Publication date |
|-------------------------------------------|---|---------------------|----------------------------|---------------------|
| FR 2340484 | A | 02-09-1977 | CH 608059 A5 | 15-12-1978 |
| | | | AR 209551 A1 | 29-04-1977 |
| | | | AU 516552 B2 | 11-06-1981 |
| | | | AU 2165877 A | 03-08-1978 |
| | | | BR 7700752 A | 08-11-1977 |
| | | | DE 2700378 A1 | 11-08-1977 |
| | | | ES 235791 Y | 01-11-1978 |
| | | | FR 2340484 A1 | 02-09-1977 |
| | | | GB 1571327 A | 16-07-1980 |
| | | | IT 1117663 B | 17-02-1986 |
| | | | JP 52097065 A | 15-08-1977 |
| | | | NL 7700822 A | 11-08-1977 |
| | | | NO 770287 A ,B, | 10-08-1977 |
| | | | SE 425517 B | 04-10-1982 |
| | | | SE 7700728 A | 10-08-1977 |
| | | | US 4068963 A | 17-01-1978 |
| FR 2592666 | A | 10-07-1987 | FR 2592666 A1 | 10-07-1987 |
| WO 0075453 | A | 14-12-2000 | FR 2794484 A1 | 08-12-2000 |
| | | | AT 236314 T | 15-04-2003 |
| | | | AU 5228300 A | 28-12-2000 |
| | | | DE 60001936 D1 | 08-05-2003 |
| | | | DK 1181422 T3 | 28-07-2003 |
| | | | EP 1181422 A1 | 27-02-2002 |
| | | | WO 0075453 A1 | 14-12-2000 |
| | | | JP 2003501571 T | 14-01-2003 |